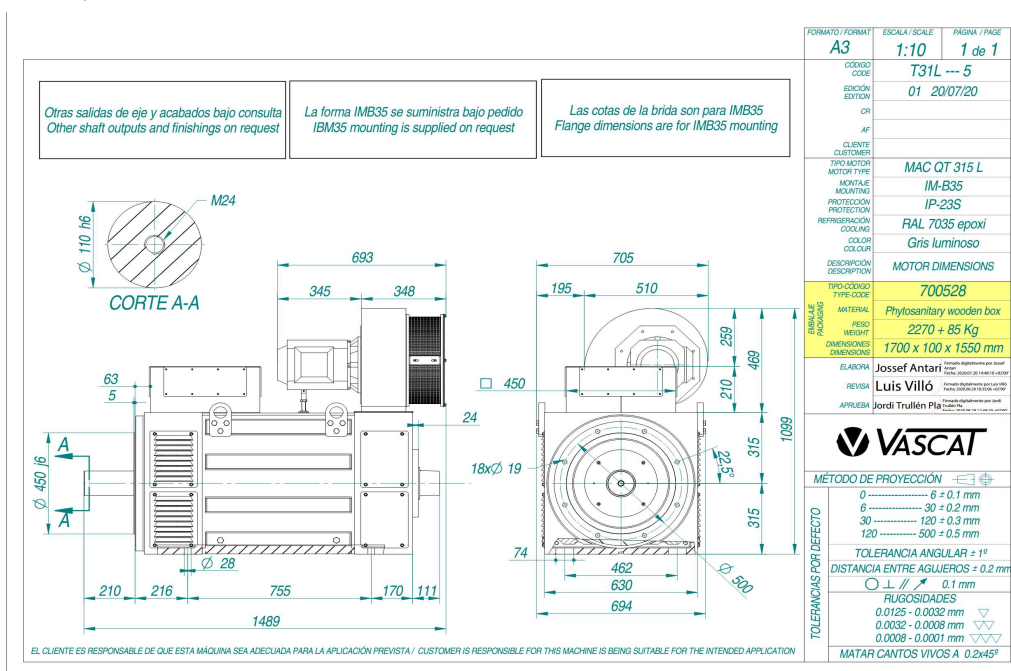


|                                                                                  |                                                                                                                    |  |         |            |
|----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--|---------|------------|
|  | <b>MOTOR MAC QT 315 L</b><br>- Hoja de Datos Técnicos en Modo Generador-<br>- Absorbing Mode Technical Datasheet - |  | Código  | DT-QT315L  |
|                                                                                  |                                                                                                                    |  | Edición | 05         |
|                                                                                  |                                                                                                                    |  | Página  | 1/2        |
|                                                                                  |                                                                                                                    |  | Fecha   | 17/09/2020 |

|                                                                                                                                                        |  |                                              |  |                                          |  |                                 |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------|--|------------------------------------------|--|---------------------------------|--|
| Ventilador / Fan                                                                                                                                       |  | Rodamientos                                  |  | Delantero                                |  | Trasero                         |  |
| Tipo de Refrigeración                                                                                                                                  |  | Bearings                                     |  | Drive End                                |  | Non Drive End                   |  |
| Cooling Mode                                                                                                                                           |  | IC 06                                        |  | 6024.ZZ.C3                               |  | 6024.ZZ.C3                      |  |
| Alimentación / Supply                                                                                                                                  |  | Nº de polos                                  |  | Momento de inercia                       |  | Peso Motor                      |  |
| 400V 50Hz                                                                                                                                              |  | 6                                            |  | J = 13,89 Kg m2                          |  | 2270 Kg                         |  |
| Potencia / Power                                                                                                                                       |  | Protección                                   |  | Construcción                             |  | Equilibrado grado               |  |
| 4 KW                                                                                                                                                   |  | IP 23                                        |  | IM B3 / B35                              |  | B                               |  |
| Corriente / Current                                                                                                                                    |  | Protection Degree                            |  | Mounting                                 |  | Balancing degree                |  |
| Velocidad / Speed                                                                                                                                      |  | Nivel de ruido                               |  | Velocidad máxima mecánica                |  | 4000 rpm                        |  |
| Caudal / Air flow                                                                                                                                      |  | < 90 dB                                      |  | Max. Mechanical Speed                    |  |                                 |  |
| Presión / Pressure                                                                                                                                     |  | Aislamiento Clase                            |  | Protección Térmica                       |  | Ambiente                        |  |
| 2450 Pa                                                                                                                                                |  | F                                            |  | PTC 155 °C                               |  | < 40 °C < 1000 m                |  |
| Por favor, indicar en los pedidos la alimentación deseada para el ventilador / Please indicate the required fan supply voltage when placing your order |  | Insulation Class                             |  | Thermal Protection                       |  | Ambient                         |  |
|                                                                                                                                                        |  | Normas de referencia                         |  | Conmutación Variador                     |  | 4 kHz ; du/dt TS60034-25 Type B |  |
|                                                                                                                                                        |  | Reference Standards                          |  | EN60034                                  |  | Inverter Switching              |  |
| Alojamientos de los rodamientos eléctricamente aislados                                                                                                |  | Anillo SGR de puesta a tierra del eje en NDE |  |                                          |  | Sondas Térmicas Rodamientos     |  |
| Electrically insulated bearing housings                                                                                                                |  | SGR shaft grounding ring on NDE              |  |                                          |  | Bearing Thermal Probes          |  |
| Tensión de Base del Motor                                                                                                                              |  | Vb                                           |  | Tensión Máxima de Salida del Convertidor |  | Vc                              |  |
| Motor Base Voltage                                                                                                                                     |  | 400 V                                        |  | Inverter max. Output Voltage             |  | 400 V                           |  |

| Servicio / Service S1 |      |      |         |      |      |                                               | Servicio / Service S6 - 40% |      |         |      |      |                                               |                                        |
|-----------------------|------|------|---------|------|------|-----------------------------------------------|-----------------------------|------|---------|------|------|-----------------------------------------------|----------------------------------------|
| Bobinado Winding      | Nm   | A    | KW abs. | rpm  | Hz   | Velocidad a Pot.Cte Const. Power Speed. (rpm) | Nm                          | A    | KW abs. | rpm  | Hz   | Velocidad a Pot.Cte Const. Power Speed. (rpm) | Corriente en vacío No Load Current (A) |
| A61                   | 6200 | 424  | 268     | 412  | 20.0 | 760                                           | 9232                        | 610  | 399     | 412  | 19.7 | 510                                           | 144                                    |
| B61                   | 6200 | 466  | 294     | 453  | 22.0 | 830                                           | 9236                        | 673  | 438     | 453  | 21.7 | 550                                           | 154                                    |
| C61                   | 6200 | 516  | 320     | 492  | 24.0 | 910                                           | 9228                        | 741  | 475     | 492  | 23.7 | 610                                           | 180                                    |
| D61                   | 6200 | 580  | 359     | 552  | 27.0 | 1020                                          | 9232                        | 836  | 534     | 552  | 26.7 | 680                                           | 197                                    |
| E61                   | 6200 | 667  | 411     | 633  | 31.0 | 1170                                          | 9237                        | 963  | 612     | 633  | 30.7 | 780                                           | 219                                    |
| F61                   | 6200 | 778  | 476     | 733  | 36.0 | 1350                                          | 9238                        | 1124 | 708     | 733  | 35.7 | 900                                           | 254                                    |
| C62                   | 6200 | 891  | 540     | 832  | 41.0 | 1530                                          | 9232                        | 1284 | 804     | 832  | 40.7 | 1020                                          | 303                                    |
| D62                   | 5900 | 960  | 575     | 931  | 46.0 | 1720                                          | 8777                        | 1378 | 856     | 931  | 45.7 | 1150                                          | 344                                    |
| E62                   | 5600 | 1056 | 628     | 1071 | 53.0 | 1980                                          | 8328                        | 1512 | 934     | 1071 | 52.7 | 1330                                          | 385                                    |
| F62                   | 5200 | 1159 | 681     | 1250 | 62.0 | 2310                                          | 7725                        | 1651 | 1011    | 1250 | 61.8 | 1550                                          | 444                                    |

Otras Velocidades disponibles bajo consulta a nuestra O.T. / Other speeds available on request

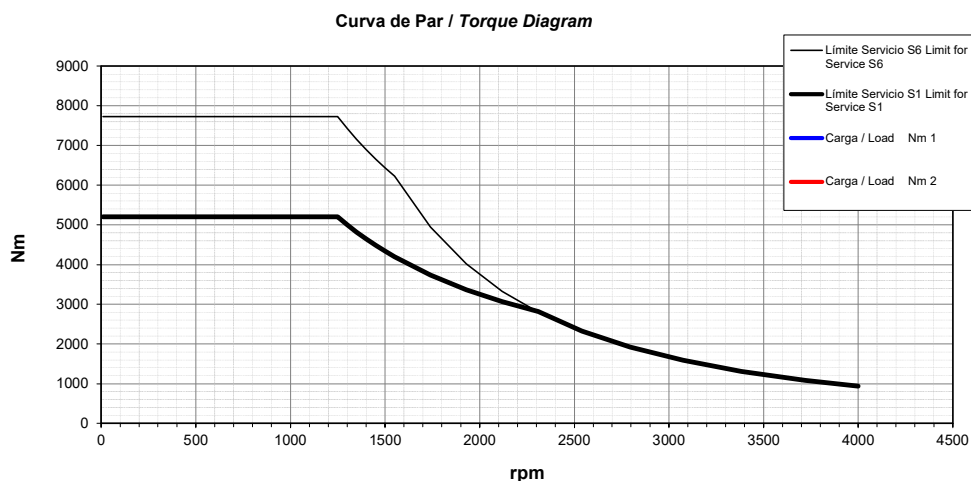


Datos Técnicos sujetos a modificaciones sin previo aviso / Technical Data are subject to changes without prior notice

|          |         |          |
|----------|---------|----------|
| Elabora: | Revisa: | Aprueba: |
|----------|---------|----------|

|                                                        |              |                                                                                 |              |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|
| Tensión de Base del Motor<br><i>Motor Base Voltage</i> | <b>400 V</b> | Tensión Máxima de Salida del Convertidor<br><i>Inverter max. Output Voltage</i> | <b>400 V</b> |
|--------------------------------------------------------|--------------|---------------------------------------------------------------------------------|--------------|

|                     | Servicio / Service S1 |      |     |      |      |                                                     | Servicio / Service S6 - 40% |      |      |      |      |                                                     |                                              |
|---------------------|-----------------------|------|-----|------|------|-----------------------------------------------------|-----------------------------|------|------|------|------|-----------------------------------------------------|----------------------------------------------|
| Bobinado<br>Winding | Nm                    | A    | KW  | rpm  | Hz   | Velocidad a Pot.Cte<br>Const. Power Speed,<br>(rpm) | Nm                          | A    | KW   | rpm  | Hz   | Velocidad a Pot.Cte<br>Const. Power Speed,<br>(rpm) | Corriente en vacío<br>No Load Current<br>(A) |
| F62                 | 5200                  | 1159 | 681 | 1250 | 62.0 | 2310                                                | 7725                        | 1651 | 1011 | 1250 | 61.8 | 1550                                                | 444                                          |

[illegible][illegible]